

Curriculum Vitae for PAUL HEATON
May 2023

CONTACT INFORMATION

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EMPLOYMENT

University of Pennsylvania Carey Law School
Professor July 2022-present
Senior Fellow July 2015-June 2022

Academic Director, Quattrone Center for the Fair Administration of Justice July 2015-present

RAND Corporation
Adjunct Economist July 2015-present
Senior Economist June 2013-July 2015
Economist Nov. 2010-June 2013
Associate Economist June 2007-Nov. 2010

Director, RAND Institute for Civil Justice Oct. 2012-July 2015
Acting Director, RAND Law, Business and Regulation Apr. 2012-Oct. 2012
Director for Research, RAND Institute for Civil Justice Oct. 2010-Apr. 2012

Professor, Pardee RAND Graduate School Sep. 2008-July 2015

OTHER PROFESSIONAL ACTIVITIES

Member, Board of Advisors, UC-Berkeley/UC-Irvine Civil Justice Research Initiative Feb. 2017-present
Editorial Board, *Journal of Quantitative Criminology* Jan. 2021-present
Chair, Montgomery County (PA) Public Defender Advisory Board Oct. 2022--present

EDUCATION

Ph.D, Economics, University of Chicago June 2007
Thesis Title: Essays on Crime and Corruption
Thesis Committee: Steven Levitt (chair), Gary Becker, Kevin M. Murphy

M.A, Economics, University of Chicago Dec. 2003
B.A, Economics, Summa Cum Laude and University Honors, Brigham Young University Dec. 2001

ARTICLES AND PEER-REVIEWED RAND REPORTS

a. Criminal Justice/Drug Policy

- “Reform We Can Agree On: Public Opinion on Prosecutorial Liability” with Rachel Greenspan and Ross Miller, *Journal of Experimental Criminology*, forthcoming.
- “Qualifying Prosecutorial Immunity Through *Brady* Claims” with Jon Gould and Brian Murray, *Iowa Law Review* 107(3): 1107-1157 (March 2022).
- “A Natural Experiment to Test the Effect of Sanction Certainty and Celerity on Substance-Impaired Driving: North Dakota's 24/7 Sobriety Program” with Greg Midgette, Beau Kilmer, and Nancy Nicosia, *Journal of Quantitative Criminology* 37(3): 647-670 (September 2021).
- “Enhanced Public Defense Improves Pretrial Outcomes and Reduces Racial Disparities”, *Indiana Law Journal* 96(3): 701-750 (Spring 2021).
- “The Expansive Reach of Pretrial Detention” *North Carolina Law Review* 98(2): 369-377 (February 2020). (symposium issue).
- “The Effects of Holistic Defense on Criminal Justice Outcomes” with James Anderson and Maya Buenaventura, *Harvard Law Review* 132(3):819-893 (January 2019).
- “Does Filler Database Size Affect Influence Identification Accuracy?” with Amanda Bergold, *Law and Human Behavior* 43(2): 227-243 (June 2018).
- “The Downstream Consequences of Misdemeanor Pretrial Detention” with Sandra Mayson and Megan Stevenson, *Stanford Law Review* 69(3): 711-794 (March 2017).
- “The Short- and Long-Run Effects of Private Law Enforcement: Evidence from University Police” with Priscillia Hunt, John MacDonald, and Jess Saunders, *Journal of Law and Economics* 59(4): 889-912 (November 2016).
- “Can a Criminal Justice Alcohol Abstinence Programme with Swift, Certain, and Modest Sanctions (24/7 Sobriety) Reduce Population Mortality? A Retrospective Observational Study” with Nancy Nicosia and Beau Kilmer, *The Lancet Psychiatry* 3(3): 226-232 (March 2016).
- “Assessing the Effects of Medical Marijuana Laws on Marijuana Use: The Devil is in the Details” with Rosalie Pacula, David Powell, and Eric Sevigny, *Journal of Policy Analysis and Management* 34(1): 7–31 (Winter 2015).
- “The Effects of Medical Marijuana Laws on Potency” with Eric Sevigny and Rosalie Pacula, *International Journal of Drug Policy* 25(2): 308-319 (March 2014).
- “Measuring Crack Cocaine and Its Impact” with Roland Fryer, Steven Levitt, and Kevin Murphy, *Economic Inquiry* 51(3): 1651-1681 (July 2013).
- “Efficacy of Active Monitoring with Swift, Certain, and Modest Sanctions for Violations: Insights from South Dakota’s 24/7 Sobriety Project” with Beau Kilmer, Nancy Nicosia, and Greg Midgette, *American Journal of Public Health* 103(1): e37–e43 (January 2013).
- “How Much Difference Does the Lawyer Make? The Effects of Defense Counsel on Murder Case Outcomes” with James Anderson, *Yale Law Journal* 122(1): 154-217 (October 2012).
- “Sunday Liquor Laws and Crime”, *Journal of Public Economics* 96(1): 42-52 (February 2012).

“Hidden in Plain Sight: What Cost-of-Crime Research Can Tell Us About Investing in Police”, RAND OP-279 ISEC (March 2010).

“Understanding the Effects of Anti-Profiling Policies.” *Journal of Law and Economics* 53(1) 29-64 (February 2010).

“Does Religion Really Reduce Crime?” *Journal of Law and Economics* 49(1) 147-172 (April 2006).

“The Measure of Vice and Sin: A Review of the Uses, Limitations and Implications of Crime Data” with Eric Helland and Alex Tabarrok. In Bruce Benson and Paul Zimmermann, eds., *Handbook on the Economics of Crime*. Cheltenham: Edward Elgar. 2010.

“A Synthesis of Literature on the Effectiveness of Community Orders” with Robert Davis Jennifer Rubin, Lila Rabinovich, and Beau Kilmer; RAND TR-518-NAO (January 2008).

b. Civil Justice/Insurance

“Medicaid Coverage Expansions and Liability Insurance” with Caleb Flint, *Journal of Risk and Insurance* 88(1): 29-51 (March 2021).

“The Effects of Mandatory Insurer Reporting on Settlement Delay”, *American Law and Economics Review* 22(2): 397-433 (Fall 2020).

“Does It Matter Who Pays for Auto Injuries?” with Eric Helland, *Journal of Risk and Insurance* 86(4): 947-972 (December 2019).

“How Does Tort Law Affect Consumer Auto Insurance Costs?” *Journal of Risk and Insurance* 84(2): 691–715 (June 2017).

“Victim Compensation Funds and Tort Litigation Following Incidents of Mass Violence” with Ivan Waggoner and Jamie Morikawa, *Buffalo Law Review* 63(5): 1263-1323 (December 2015).

“The Impact of Malpractice Reform on Emergency Department Care” with Daniel Waxman, Arthur Kellermann, Susan Ridgely, and Michael Greenberg, *New England Journal of Medicine* 371(16):1518-1525 (October 2014).

“How Will the Patient Protection and Affordable Care Act Affect Liability Insurance Costs?” with David Auerbach and Ian Brantley, RAND RR-493-ICJ (April 2014).

“Health Care Reform and Workers’ Compensation: Evidence from Massachusetts”, RAND TR-1216-ICJ (April 2012).

“Judicial Expenditures and Litigation Access: Evidence from Auto Injuries” with Eric Helland, *Journal of Legal Studies* 40(2) 295-332 (June 2011).

“Auto Insurance Reform in Michigan—What Can the Data Tell Us?”, RAND OP-293-ICJ (March 2010).

“The United States Experience with No-Fault Automobile Insurance: A Retrospective” with James Anderson and Stephen Carroll, RAND MG-860-ICJ (February 2010).

“Auto Liability in Nevada Compared to Other States: Testimony for Nevada Auto Theft and Insurance Fraud Task Force” with Eric Helland, RAND WR-595-NATIFTF (July 2008).

c. Military Manpower

“Comparing Ex-Servicemember and Civilian Use of Unemployment Insurance” with Diana Lavery, David Powell, and Jeffrey Wenger, RAND RR-1496-OSD (February 2018).

“Post-Traumatic Stress Disorder and the Earnings of Military Reservists” with David Loughran, RAND TR-1006-OSD (July 2013).

“Unemployment Among Post-9/11 Veterans and Military Spouses After the Downturn” with Heather Krull, RAND OP-376-OSD (November 2012).

“Analysis of Financial Support to the Surviving Spouses and Children of Casualties in the Iraq and Afghanistan Wars” with Amalia Miller and David Loughran, RAND TR-1281-OSD (June 2012).

“Compensating Wounded Warriors: An Analysis of Injury, Labor Market Earnings, and Disability Compensation Among Veterans of the Iraq and Afghanistan Wars” with David Loughran and Amalia Miller, RAND MG-1166-OSD (June 2012).

“The Effects of Hiring Tax Credits on Employment of Disabled Veterans”, RAND OP-366-OSD (March 2012).

“Compensating the Survivors of America's Fallen Warriors” with James Anderson, James Dertouzos, and John Mendeloff, RAND DB-633-OSD (March 2012).

“Chapter 6: Recruiting and Retention.” with Beth Asch. In Bernard Rostker, director. “Sexual Orientation and U.S. Military Personnel Policy: An Update of RAND’s 1993 Study”, RAND MG-1056-OSD (Dec. 2010).

“An Analysis of the Incidence of Recruiter Irregularities” with Beth Asch, RAND TR-827-OSD (Nov. 2010).

“Cash Incentives and Military Enlistment, Attrition, and Reenlistment” with Beth Asch, James Hosek, Francisco Martorell, Curtis Simon, and John Warner, RAND MG-950-OSD (June 2010).

“Recruiting Minorities: What Explains Recent Trends in the Army and Navy?” with Beth Asch and Bogdan Savych, RAND MG-861-OSD (September 2009).

d. Education

“Preparing Principals to Raise Student Achievement: Implementation and Effects of the New Leaders Program in 10 Districts” with Susan Gates, Laura Hamilton, Paco Martorell, Susan Burkhauser, Ashley Pierson, Matthew Baird, Mirka Vuollo, Jennifer Li, Diana Lavery, Melody Harvey, and Kun Gu, RAND RR-507-NL (May 2014).

“Preliminary Findings from the New Leaders for New Schools Evaluation” with Francisco Martorell, Susan Gates, and Laura Hamilton, RAND WR-739-NLNS (May 2010).

“Childhood Educational Disruption and Later Life Outcomes: Evidence from Prince Edward County.” *Journal of Human Capital* 2(2): 154-187 (Summer 2008).

e. Information Technology

“Consumer Attitudes Toward Data Breach Notifications and Loss of Personal Information” with Lilian Ablon, Sasha Romanosky, and Diana Lavery, RAND RR-1187-ICJ (April 2016).

“Unraveling the IT Productivity Paradox: Lessons for Health Care” with Spencer Jones, Robert Rudin, and Eric Schneider, *New England Journal of Medicine* 366(24): 2243-2245 (June 2012).

“Today's 'Meaningful Use' Standard For Computerized Medication Orders By Hospitals May Save Few Lives; Later Stages May Do More” with Mark Friedberg, Spencer Jones, and Eric Schneider, *Health Affairs* 30(10): 2005-2012 (October 2011).

“Information Technology, Organization, and Productivity in the Public Sector: Evidence from Police Departments” with Luis Garicano, *Journal of Labor Economics* 28(1) 167-201 (January 2010).

f. Political Economy

“Oil for What?—Illicit Iraqi Oil Contracts and the U.N. Security Council.” *Journal of Economic Perspectives* 19(4), 193-206 (Fall 2005).

WORKING PAPERS

a. Criminal Justice/Drug Policy

“The Effects of Misdemeanor Bail Reform”, August 2022

“Deterring Crime in Community Supervision: Evidence from 24/7 Sobriety” with Beau Kilmer and Nancy Nicosia, December 2016

“Gang Injunctions and Street Crime: Recent Evidence from California” with Jeremiah Goulka, Christopher Johnson, and George Tita, July 2010

“Do Police Discriminate? Evidence from Multiple-Offender Crimes” with Charles Loeffler, October 2008

b. Civil Justice/Insurance

“No-Fault Insurance and Automobile Accidents” with Eric Helland, January 2017

“The Effect of Health Insurance Coverage Expansions on Auto Liability Claims and Costs” with Srikanth Kadiyala, December 2016

“Health Insurance and Workers’ Compensation Claiming: Evidence from the Affordable Care Act” with Philip Armour, November 2016

“Do the Insured Sue More?” with David Auerbach, April 2014

“Hospital Cost Shifting to Liability Insurers Following Health Reform in Massachusetts” with James Anderson, July 2011

WORK IN PROGRESS

“Assessing Verbal Eyewitness Confidence Statements Using Natural Language Processing” with Rachel Greenspan and Alex Lyman

“The Price of Presumption: Drug Field Tests and Wrongful Convictions” with Ross Miller and Claire Fondrie-Teitler

“Prosecutorial Diversity and Charging Decisions” with Greg Ridgeway and Miguel Garza Casado

“Forced Out? Civil Legal Access and Housing Stability”

“Which Ingredients Matter Most for Public Defense?” with Pam Metzger

“Property Casualty Insurance and the Rise of the Gig Economy” with Michelle Gris  and Shannon Prier

GRANTS

Subcontract, “The Expungement Clinic Evaluation Project”, Drexel Juvenile Justice Research and Reform Lab (Prime), United Way	2022-2026
PI, “Understanding and Evaluating Recent Pretrial Process Reforms in Harris County, Texas”, Arnold Ventures	2020-2022
Co-PI with Amanda Bergold, “Improving Filler/Suspect Similarity in Eyewitness Lineups Using Facial Recognition Systems”, National Science Foundation	2019-2021
Co-PI, “A Quasi-Experimental Study of the Effects of Vertical Defense Representation on Case Outcomes”, Arnold Foundation	2016-2018
PI, “Community Policing and Alcohol-Involved Crime”, National Institute on Alcohol Abuse and Alcoholism	2014-2016
Co-PI with James Anderson, “Evaluating the Effect of Holistic Indigent Defense Services on Case Outcomes”, National Institute for Justice	2013-2016
Co-PI with Abby Alpert, “Factors Affecting Utilization of DoD’s Unemployment Compensation for Ex-Servicemembers (UCX) Program”, Office of the Secretary of Defense	2012-2014
Co-PI with David Loughran, “Post-Deployment Employment Transitions of Reservists”, Office of the Secretary of Defense	2012-2014
Co-PI with James Anderson, “The Effects of Defense Counsel on the Outcomes of Homicide and Death Penalty Prosecutions”, National Institute for Justice	2010-2011
PI, “The Effect of Sunday Liquor Laws on Crime” National Institute on Alcohol Abuse and Alcoholism	2009-2011
Co-PI with Beth Asch, “A Policy Analysis of Recruiter Impropriety.” Office of the Secretary of Defense	2009

REFEREE/REVIEWING EXPERIENCE

American Economic Review; American Economic Journal: Applied Economics; American Economic Journal: Economic Policy; American Journal of Criminal Justice; American Journal of Health Economics; American Journal of Public Health; American Law and Economics Review; B.E. Journal of Economic Analysis and Policy; Broad Foundation; Center for a New American Security; Congressional Budget Office; Conference on Empirical Legal Studies (CELS) (program committee); Crime and Delinquency; Criminal Justice Policy Review; Criminology and Public Policy; Defence and Peace Economics; Economic Inquiry; Economics Letters; Forum for Health Economics and Policy; Government Accountability Office; Health Affairs; Health Services Research; Industrial and Labor Relations Review; International Review of Law and Economics; Journal of Benefit-Cost Analysis; Journal of Empirical Legal Studies, Journal of the European Economic Association; Journal of Health Economics; Journal of Human Capital; Journal of Human Resources; Journal of Law and Economics; Journal of Law, Economics, and Organization; Journal of Legal Studies; Journal of Policy Analysis and Management; Journal of Political Economy; Journal of Population Economics; Journal of Public Economics; Journal of Quantitative Criminology; Journal of Regional Science; Journal of Risk and Insurance; Journal of Urban Economics; Justice Quarterly; Labour Economics; Law and Social Inquiry; Law and Society Review; Legal Theory; National Institute of Justice; National Science Foundation; PNAS; Policy and Practice in Work and Safety; Race and Social Problems; RAND; Regional Science and Urban Economics; Review of Economics and Statistics; Russell Sage Foundation; Science Advances; Southern Economic Journal; Stanford Law Review; Statistics and Public Policy, Quarterly Journal of Economics; University of Pennsylvania Law Review; Yale Law Journal

SELECTED PRESENTATIONS

PA Commission on Crime and Delinquency; Court-appointed expert in <i>Urquidi v. Los Angeles</i>	2023
Indigent Defense Research Association; California State Public Defender; California Committee on Revision of the Penal Code; Harris County Commissioners Court; National Association of Criminal Defense Lawyers (NACDL); Niskanen Center; Americans for Prosperity; ACLU-PA; Deason Center (Southern Methodist Law)	2022
Tulane Econ; West Virginia Econ; Pennsylvania District Attorneys Association; National Legal Aid and Defender Association (NLADA)	2021
Pennsylvania Senate Law and Justice/Judiciary Committee, Wilson Center for Science and Justice (Duke Law), Deason Center (Southern Methodist Law)	2020
Philadelphia Pre-Entry Coalition; AALS Annual Meeting; Travis County (TX) Indigent Legal Services Work Group	2019
Yale Law School Liman Symposium; 10th Transatlantic Workshop on the Economics of Crime	2018
Harry Frank Guggenheim Symposium (John Jay); Criminal Justice Coordinating Council, Harris County, TX	2017
Waseda Law Transnational Program; Casualty and Actuarial Society (CAS) Spring Meeting; Philadelphia Special Committee on Criminal Justice Reform; CAS Annual Meeting	2016
NASI Policy Research Conference; U-Penn Law; Southern California Applied Micro Conference (Claremont-McKenna); 7th Transatlantic Workshop on the Economics of Crime	2015
Advisen Casualty Insights Conference; Walt Disney Company; NBER Summer Institute; Canadian Policing Association General Meeting; PCIAA Political Conference; Transition Assistance Interagency Working Group	2014
Canadian Policing Association Economics of Policing Conference	2013
PCIAA Political Conference	2012
Vera Institute Roundtable on Cost-Benefit Analysis in Policing; Southern California Applied Micro Conference (Claremont-McKenna), UCLA Law, Brigham Young Econ, American Insurance Association, Insurance Forum	2011
UNLV Econ, All-California Labor Conference (UCSB), Insurance Forum	2010
Committee on Poverty, LA City Council; Police Executive Research Forum; State Farm; U-Washington Benefit/Cost Analysis Conference	2009
Joint Accession Marking Research Studies Conference, Princeton/IRS Monopsony Conference	2008
Vanderbilt Law, Case Western Econ, Brigham Young Econ, George Mason Econ, RAND, Workshop on Education (Chicago), Crime and Population Dynamics Workshop (Maryland)	2007
Chicago Econ, Workshop on Black-White Inequality (Chicago), Chicago Law	2006
NBER Summer Institute	2004
Various annual meetings of ACJS, AEA, ASC, SEA, WEA, ALEA, SELS, and APPAM	

AWARDS AND HONORS

<i>Journal of Risk and Insurance</i> Excellence in Reviewing Award	2022
Huddleson Outstanding Teacher Award, Pardee RAND Graduate School	2010, 2015
Behavioural Exchange Award for Outstanding Research, Honorable Mention	2015
RAND Gold Medal Award	2012
RAND Infrastructure, Safety, and Environment (ISE) Outstanding Peer Reviewer Award	2012
Stephen J. Carroll Distinguished Scholar in Insurance and Liability Policy	2010-2011
Robert Pike Distinguished Scholar	2008-2009
Esther and T.W. Schultz Dissertation Fellowship	2006-2007
National Consortium on Violence Research Pre-Doctoral Fellow	2005-2007
National Science Foundation Graduate Research Fellowship	2002-2005
Gordon B. Hinckley Presidential Scholar	1996-2001